

Amendment

Amendment in response to Office action dated 9 June 2006

**Listing of Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) A sintered body of gastight polycrystalline aluminum oxide containing magnesium in oxidic form and a second metal M in oxidic form, characterized in that the second metal M is selected from erbium, holmium, dysprosium and thulium, and the aluminum oxide further comprises zirconium in oxidic form, magnesium calculated as MgO being present in a quantity by weight of 50 to 1000 ppm, the second metal calculated as M<sub>2</sub>O<sub>3</sub> being present in a quantity by weight of 10 to 100 ppm, and zirconium calculated as ZrO<sub>2</sub> being present in a quantity by weight of 50 to 600 ppm.
2. (original) A sintered body as claimed in claim 1, characterized in that magnesium calculated as MgO is present in a quantity by weight of 50 to 500 ppm, the second metal calculated as M<sub>2</sub>O<sub>3</sub> is present in a quantity by weight of 20 to 50 ppm, and zirconium calculated as ZrO<sub>2</sub> is present in a quantity by weight of 200 to 500 ppm.
3. (original) A sintered body as claimed in claim 2, characterized in that magnesium calculated as MgO is present in a quantity by weight of 50 to 500 ppm, the second metal calculated as M<sub>2</sub>O<sub>3</sub> is present in a quantity by weight of 30 to 50 ppm, and zirconium calculated as ZrO<sub>2</sub> is present in a quantity by weight of 200 to 400 ppm.
4. (original) An electric lamp comprising a lamp vessel of gastight polycrystalline aluminum oxide containing magnesium in

**Amendment**

**Amendment in response to Office action dated 9 June 2006**

oxidic form and a second metal M in oxidic form, characterized in that the lamp vessel comprises a sintered body as claimed in claim 1.

5. (original) An electric lamp as claimed in claim 4, characterized in that the lamp vessel comprises a sintered body as claimed in claim 2.

6. (original) An electric lamp as claimed in claim 4, characterized in that the lamp vessel comprises a sintered body as claimed in claim 3.